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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hockersmith

Docket No.: IMET0050

5 Serial No: 09/766,427

Art Unit: 1651

Filed: January 18, 2002

Examiner: R. Gitomer.

Title: A METHOD OF PRODUCING A GLYCEMIC PROFILE OF
PREDETERMINED SHAPE IN A TEST SUBJECT

10 May 28, 2003

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450

15 Alexandria, VA 22313-1450

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AMENDMENT

Sir:

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An amendment is provided in response to the office action dated January 18, 2003 in the above-named application. A two-month extension of time is filed herewith.

In the Claims:

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1. A method as in Claim 35, further comprising the step of:
estimating said required amount of carbohydrate according to a formula,
said formula comprising:

$$CHO = \frac{TARGET - STARTING}{X},$$

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where *CHO* represents said required amount of carbohydrate, *TARGET* represents said target maximum, *STARTING* represents a starting blood glucose concentration, and *X* comprises an assigned value representing an estimate of said subject's sensitivity to carbohydrate, said assigned value based on type of diabetes and/or
35 level of diabetes control.